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**Searches for User *dfox* (Count = 1437)** **WEST**

Queries 2775 through 2824.

5/10/04

S #	Updt Database	Query	Time	Comment
L17 S1437	<u>U</u> USPT	(sucrose adj synthase\$) near2 (gene or genes\$ or transgene\$) not (sucrose adj synthase\$) near2 (gene or genes\$ or transgene\$) and (maize or corn or zea) and (800/278).ccls. not (maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (acetyl near3 carboxylase\$) or (acp adj acyltransferase\$) or (ketoacyl near3 synthase\$) or (acyl adj carrier adj protein\$) or desaturase\$ or epoxidase\$ or hydratase\$ or dehydratase\$ or (phytoene adj synthase\$) or (phytoene adj desaturase\$) or (lycopene adj synthase\$) or (adp adj glucose adj pyrophosphorylase\$) or (starch adj synthase\$) or (starch adj branching adj enzyme\$) or (sucrose adj synthase\$)	2004-05-10 19:51:13	
L16 S1436	<u>U</u> USPT	(sucrose adj synthase\$) near2 (gene or genes\$ or transgene\$) and (maize or corn or zea) and (800/278).ccls. not (maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (acetyl near3 carboxylase\$) or (acp adj acyltransferase\$) or (ketoacyl near3 synthase\$) or (acyl adj carrier adj protein\$) or desaturase\$ or epoxidase\$ or hydratase\$ or dehydratase\$ or (phytoene adj synthase\$) or (phytoene adj desaturase\$) or (lycopene adj synthase\$) or (adp adj glucose adj pyrophosphorylase\$) or (starch adj synthase\$) or (starch adj branching adj enzyme\$) or (sucrose adj synthase\$)	2004-05-10 19:49:13	
L15 S1435	<u>U</u> USPT	(sucrose adj synthase\$) near2 (gene or genes\$ or transgene\$) and (maize or corn or zea) and (800/278).ccls.	2004-05-10 19:48:55	
L14 S1434	<u>U</u> USPT	(sucrose adj synthase\$) near2 (gene or genes\$ or transgene\$) and (maize or corn or zea)	2004-05-10 19:48:35	
L13 S1433	<u>U</u> USPT	(sucrose adj synthase\$) near2 (gene or genes\$ or	2004-05-	

L12		transgene\$)	10
			19:48:04
	S1432 U USPT	(maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (800/278).ccls. not (maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (acetyl near3 carboxylase\$) or (acp adj acyltransferase\$) or (ketoacyl near3 synthase\$) or (acyl adj carrier adj protein\$) or desaturase\$ or epoxidase\$ or hydratase\$ or dehydratase\$ or (phytoene adj synthase\$) or (phytoene adj desaturase\$) or (lycopene adj synthase\$) or (adp adj glucose adj pyrophosphorylase\$) or (starch adj synthase\$) or (starch adj branching adj enzyme\$) or (sucrose adj synthase\$)	2004-05-10
	L9 not L11		19:43:33
L11		(maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (acetyl near3 carboxylase\$) or (acp adj acyltransferase\$) or (ketoacyl near3 synthase\$) or (acyl adj carrier adj protein\$) or desaturase\$ or epoxidase\$ or hydratase\$ or dehydratase\$ or (phytoene adj synthase\$) or (phytoene adj desaturase\$) or (lycopene adj synthase\$) or (adp adj glucose adj pyrophosphorylase\$) or (starch adj synthase\$) or (starch adj branching adj enzyme\$) or (sucrose adj synthase\$)	2004-05-10
	S1431 U USPT		19:27:07
	= L7 and L10		
L10		(acetyl near3 carboxylase\$) or (acp adj acyltransferase\$) or (ketoacyl near3 synthase\$) or (acyl adj carrier adj protein\$) or desaturase\$ or epoxidase\$ or hydratase\$ or dehydratase\$ or (phytoene adj synthase\$) or (phytoene adj desaturase\$) or (lycopene adj synthase\$) or (adp adj glucose adj pyrophosphorylase\$) or (starch adj synthase\$) or (starch adj branching adj enzyme\$) or (sucrose adj synthase\$)	2004-05-10
	S1430 U USPT		19:26:32
L9		(maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls. and (800/278).ccls.	2004-05-10
L8			19:23:00
	S1428 U USPT		2004-05-10
			19:22:54
L7		(maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$ and (800/320.1).ccls.	2004-05-10
	S1427 U USPT		19:22:33
L6		(800/320.1).ccls.	2004-05-10
	S1426 U USPT		19:22:27
L5		(maize or corn or zea) near10 (transform\$ or transgen\$) near10 fertil\$	2004-05-10
	S1425 U USPT		
	L3 near10 L4		

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Search Results - Record(s) 1 through 10 of 45 returned.

☐ 1. Document ID: US 6646188 B1

L11: Entry 1 of 45

File: USPT

Nov 11, 2003

US-PAT-NO: 6646188

DOCUMENT-IDENTIFIER: US 6646188 B1

TITLE: Inbred maize seed and plant PSA104

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6642437 B1

L11: Entry 2 of 45

File: USPT

Nov 4, 2003

US-PAT-NO: 6642437

DOCUMENT-IDENTIFIER: US 6642437 B1

TITLE: Production of proteins in plant seeds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6635806 B1

L11: Entry 3 of 45

File: USPT

Oct 21, 2003

US-PAT-NO: 6635806

DOCUMENT-IDENTIFIER: US 6635806 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for expression of transgenes in plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6635804 B2

L11: Entry 4 of 45

File: USPT

Oct 21, 2003

US-PAT-NO: 6635804

DOCUMENT-IDENTIFIER: US 6635804 B2

TITLE: Nucleic acid molecules encoding soluble starch synthases from maize

Full	Title	Citation	Front	Review	Classification	Date	Reference	Document ID	Classification	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6583338 B2

L11: Entry 5 of 45

File: USPT

Jun 24, 2003

US-PAT-NO: 6583338

DOCUMENT-IDENTIFIER: US 6583338 B2

TITLE: Maize A3 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Document ID	Classification	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6570008 B1

L11: Entry 6 of 45

File: USPT

May 27, 2003

US-PAT-NO: 6570008

DOCUMENT-IDENTIFIER: US 6570008 B1

TITLE: Modification of starch biosynthetic enzyme gene expression to produce  
starches in grain crops

Full	Title	Citation	Front	Review	Classification	Date	Reference	Document ID	Classification	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6563020 B1

L11: Entry 7 of 45

File: USPT

May 13, 2003

US-PAT-NO: 6563020

DOCUMENT-IDENTIFIER: US 6563020 B1

TITLE: Maize chitinases and their use in enhancing disease resistance in crop  
plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Document ID	Classification	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6512167 B1

L11: Entry 8 of 45

File: USPT

Jan 28, 2003

US-PAT-NO: 6512167

DOCUMENT-IDENTIFIER: US 6512167 B1

TITLE: Hybrid maize seed and plant RPG824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Document ID	Classification	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6506965 B1

L11: Entry 9 of 45

File: USPT

Jan 14, 2003

US-PAT-NO: 6506965

DOCUMENT-IDENTIFIER: US 6506965 B1

TITLE: Inbred maize seed and plant RPK7346

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Documents	Claims	KWIC	Draw De
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☐ 10. Document ID: US 6506964 B1

L11: Entry 10 of 45

File: USPT

Jan 14, 2003

US-PAT-NO: 6506964

DOCUMENT-IDENTIFIER: US 6506964 B1

TITLE: Inbred maize seed and plant RPK7250

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Documents	Claims	KWIC	Draw De
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**Search Results - Record(s) 11 through 20 of 45 returned.**

☐ 11. Document ID: US 6469230 B1

L11: Entry 11 of 45

File: USPT

Oct 22, 2002

US-PAT-NO: 6469230

DOCUMENT-IDENTIFIER: US 6469230 B1

TITLE: Starch debranching enzymes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 12. Document ID: US 6444878 B1

L11: Entry 12 of 45

File: USPT

Sep 3, 2002

US-PAT-NO: 6444878

DOCUMENT-IDENTIFIER: US 6444878 B1

TITLE: Method of plant selection using glucosamine-6-phosphate deaminase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 13. Document ID: US 6444874 B1

L11: Entry 13 of 45

File: USPT

Sep 3, 2002

US-PAT-NO: 6444874

DOCUMENT-IDENTIFIER: US 6444874 B1

TITLE: Hydroperoxide lyase gene from maize and methods of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 14. Document ID: US 6437217 B1

L11: Entry 14 of 45

File: USPT

Aug 20, 2002

US-PAT-NO: 6437217

DOCUMENT-IDENTIFIER: US 6437217 B1

TITLE: Maize RS81 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw De
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☐ 15. Document ID: US 6433252 B1

L11: Entry 15 of 45

File: USPT

Aug 13, 2002

US-PAT-NO: 6433252

DOCUMENT-IDENTIFIER: US 6433252 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize L3 oleosin promoter

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw De
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☐ 16. Document ID: US 6429357 B1

L11: Entry 16 of 45

File: USPT

Aug 6, 2002

US-PAT-NO: 6429357

DOCUMENT-IDENTIFIER: US 6429357 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Rice actin 2 promoter and intron and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw De
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☐ 17. Document ID: US 6426446 B1

L11: Entry 17 of 45

File: USPT

Jul 30, 2002

US-PAT-NO: 6426446

DOCUMENT-IDENTIFIER: US 6426446 B1

TITLE: Maize RS324 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw De
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☐ 18. Document ID: US 6399861 B1

L11: Entry 18 of 45

File: USPT

Jun 4, 2002

US-PAT-NO: 6399861

DOCUMENT-IDENTIFIER: US 6399861 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 19. Document ID: US 6395966 B1

L11: Entry 19 of 45

File: USPT

May 28, 2002

US-PAT-NO: 6395966

DOCUMENT-IDENTIFIER: US 6395966 B1

TITLE: Fertile transgenic maize plants containing a gene encoding the pat protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 20. Document ID: US 6392120 B1

L11: Entry 20 of 45

File: USPT

May 21, 2002

US-PAT-NO: 6392120

DOCUMENT-IDENTIFIER: US 6392120 B1

TITLE: Modification of starch biosynthetic enzyme gene expression to produce  
starches in grain crops

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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**Search Results - Record(s) 21 through 30 of 45 returned.**

☐ 21. Document ID: US 6376749 B1

L11: Entry 21 of 45

File: USPT

Apr 23, 2002

US-PAT-NO: 6376749

DOCUMENT-IDENTIFIER: US 6376749 B1

TITLE: Starches via modification of expression of starch biosynthetic enzyme genes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 22. Document ID: US 6365800 B1

L11: Entry 22 of 45

File: USPT

Apr 2, 2002

US-PAT-NO: 6365800

DOCUMENT-IDENTIFIER: US 6365800 B1

TITLE: Transgenic crops accumulating fructose polymers and methods for their production

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 23. Document ID: US 6350934 B1

L11: Entry 23 of 45

File: USPT

Feb 26, 2002

US-PAT-NO: 6350934

DOCUMENT-IDENTIFIER: US 6350934 B1

TITLE: Nucleic acid encoding delta-9 desaturase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 24. Document ID: US 6331665 B1

L11: Entry 24 of 45

File: USPT

Dec 18, 2001

US-PAT-NO: 6331665

DOCUMENT-IDENTIFIER: US 6331665 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Insect resistant fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Sequence	Claims	KWIC	Draw. De
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☐ 25. Document ID: US 6331660 B1

L11: Entry 25 of 45

File: USPT

Dec 18, 2001

US-PAT-NO: 6331660

DOCUMENT-IDENTIFIER: US 6331660 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize DIMBOA biosynthesis genes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Sequence	Claims	KWIC	Draw. De
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☐ 26. Document ID: US 6329574 B1

L11: Entry 26 of 45

File: USPT

Dec 11, 2001

US-PAT-NO: 6329574

DOCUMENT-IDENTIFIER: US 6329574 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: High lysine fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Sequence	Claims	KWIC	Draw. De
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☐ 27. Document ID: US 6326527 B1

L11: Entry 27 of 45

File: USPT

Dec 4, 2001

US-PAT-NO: 6326527

DOCUMENT-IDENTIFIER: US 6326527 B1

TITLE: Method for altering the nutritional content of plant seed

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Sequence	Claims	KWIC	Draw. De
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☐ 28. Document ID: US 6300543 B1

L11: Entry 28 of 45

File: USPT

Oct 9, 2001

US-PAT-NO: 6300543

DOCUMENT-IDENTIFIER: US 6300543 B1

TITLE: Transformation of zygote, egg or sperm cells and recovery of transformed plants from isolated embryo sacs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw De
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☐ 29. Document ID: US 6284945 B1

L11: Entry 29 of 45

File: USPT

Sep 4, 2001

US-PAT-NO: 6284945

DOCUMENT-IDENTIFIER: US 6284945 B1

TITLE: Zea mays (L.) with capability of long term, highly efficient plant regeneration including fertile transgenic maize plants having a heterologous gene, and their preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw De
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☐ 30. Document ID: US 6281411 B1

L11: Entry 30 of 45

File: USPT

Aug 28, 2001

US-PAT-NO: 6281411

DOCUMENT-IDENTIFIER: US 6281411 B1

TITLE: Transgenic monocots plants with increased glycine-betaine content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw De
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☐ 31. Document ID: US 6274792 B1

L11: Entry 31 of 45

File: USPT

Aug 14, 2001

US-PAT-NO: 6274792

DOCUMENT-IDENTIFIER: US 6274792 B1

TITLE: Plants and processes for obtaining them

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachment	Attachment	Claims	KWIC	Draw. Data
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☐ 32. Document ID: US 6232526 B1

L11: Entry 32 of 45

File: USPT

May 15, 2001

US-PAT-NO: 6232526

DOCUMENT-IDENTIFIER: US 6232526 B1

TITLE: Maize A3 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachment	Attachment	Claims	KWIC	Draw. Data
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☐ 33. Document ID: US 6194636 B1

L11: Entry 33 of 45

File: USPT

Feb 27, 2001

US-PAT-NO: 6194636

DOCUMENT-IDENTIFIER: US 6194636 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize RS324 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachment	Attachment	Claims	KWIC	Draw. Data
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☐ 34. Document ID: US 6160208 A

L11: Entry 34 of 45

File: USPT

Dec 12, 2000

US-PAT-NO: 6160208

DOCUMENT-IDENTIFIER: US 6160208 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 35. Document ID: US 6153811 A

L11: Entry 35 of 45

File: USPT

Nov 28, 2000

US-PAT-NO: 6153811

DOCUMENT-IDENTIFIER: US 6153811 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method for reduction of transgene copy number

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 36. Document ID: US 6127603 A

L11: Entry 36 of 45

File: USPT

Oct 3, 2000

US-PAT-NO: 6127603

DOCUMENT-IDENTIFIER: US 6127603 A

TITLE: Plant cells and plants transformed with streptococcus mutans gene encoding glucosyltransferase C enzyme

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 37. Document ID: US 6127602 A

L11: Entry 37 of 45

File: USPT

Oct 3, 2000

US-PAT-NO: 6127602

DOCUMENT-IDENTIFIER: US 6127602 A

TITLE: Plant cells and plants transformed with streptococcus mutans genes encoding wild-type or mutant glucosyltransferase D enzymes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 38. Document ID: US 6118047 A

L11: Entry 38 of 45

File: USPT

Sep 12, 2000

US-PAT-NO: 6118047

DOCUMENT-IDENTIFIER: US 6118047 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Anthranilate synthase gene and method of use thereof for conferring tryptophan overproduction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KWIC	Draw De
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☐ 39. Document ID: US 6025545 A

L11: Entry 39 of 45

File: USPT

Feb 15, 2000

US-PAT-NO: 6025545

DOCUMENT-IDENTIFIER: US 6025545 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KWIC	Draw De
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☐ 40. Document ID: US 5990390 A

L11: Entry 40 of 45

File: USPT

Nov 23, 1999

US-PAT-NO: 5990390

DOCUMENT-IDENTIFIER: US 5990390 A

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KWIC	Draw De
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Aug 14, 2001

US-PAT-NO: 6274792

DOCUMENT-IDENTIFIER: US 6274792 B1

TITLE: Plants and processes for obtaining them

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw D
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☐ 32. Document ID: US 6232526 B1

L11: Entry 32 of 45

File: USPT

May 15, 2001

US-PAT-NO: 6232526

DOCUMENT-IDENTIFIER: US 6232526 B1

TITLE: Maize A3 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw D
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☐ 33. Document ID: US 6194636 B1

L11: Entry 33 of 45

File: USPT

Feb 27, 2001

US-PAT-NO: 6194636

DOCUMENT-IDENTIFIER: US 6194636 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize RS324 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw D
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☐ 34. Document ID: US 6160208 A

L11: Entry 34 of 45

File: USPT

Dec 12, 2000

US-PAT-NO: 6160208

DOCUMENT-IDENTIFIER: US 6160208 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 35. Document ID: US 6153811 A

L11: Entry 35 of 45

File: USPT

Nov 28, 2000

US-PAT-NO: 6153811

DOCUMENT-IDENTIFIER: US 6153811 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method for reduction of transgene copy number

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 36. Document ID: US 6127603 A

L11: Entry 36 of 45

File: USPT

Oct 3, 2000

US-PAT-NO: 6127603

DOCUMENT-IDENTIFIER: US 6127603 A

TITLE: Plant cells and plants transformed with streptococcus mutans gene encoding glucosyltransferase C enzyme

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 37. Document ID: US 6127602 A

L11: Entry 37 of 45

File: USPT

Oct 3, 2000

US-PAT-NO: 6127602

DOCUMENT-IDENTIFIER: US 6127602 A

TITLE: Plant cells and plants transformed with streptococcus mutans genes encoding wild-type or mutant glucosyltransferase D enzymes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 38. Document ID: US 6118047 A

L11: Entry 38 of 45

File: USPT

Sep 12, 2000

US-PAT-NO: 6118047

DOCUMENT-IDENTIFIER: US 6118047 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Anthranilate synthase gene and method of use thereof for conferring tryptophan overproduction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Documents	Claims	KWIC	Draw D
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☐ 39. Document ID: US 6025545 A

L11: Entry 39 of 45

File: USPT

Feb 15, 2000

US-PAT-NO: 6025545

DOCUMENT-IDENTIFIER: US 6025545 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Documents	Claims	KWIC	Draw D
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☐ 40. Document ID: US 5990390 A

L11: Entry 40 of 45

File: USPT

Nov 23, 1999

US-PAT-NO: 5990390

DOCUMENT-IDENTIFIER: US 5990390 A

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Documents	Claims	KWIC	Draw D
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☐ 41. Document ID: US 5866793 A

L11: Entry 41 of 45

File: USPT

Feb 2, 1999

US-PAT-NO: 5866793

DOCUMENT-IDENTIFIER: US 5866793 A

TITLE: Promoter for expressing foreign genes in monocotyledonous plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 42. Document ID: US 5792936 A

L11: Entry 42 of 45

File: USPT

Aug 11, 1998

US-PAT-NO: 5792936

DOCUMENT-IDENTIFIER: US 5792936 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Zea mays (L.) with capability of long term, highly efficient plant regeneration including fertile transgenic maize plants having a heterologous gene, and their preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 43. Document ID: US 5780709 A

L11: Entry 43 of 45

File: USPT

Jul 14, 1998

US-PAT-NO: 5780709

DOCUMENT-IDENTIFIER: US 5780709 A

TITLE: Transgenic maize with increased mannitol content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 44. Document ID: US 5767367 A

L11: Entry 44 of 45

File: USPT

Jun 16, 1998

US-PAT-NO: 5767367

DOCUMENT-IDENTIFIER: US 5767367 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Zea mays (L.) with capability of long term, highly efficient plant regeneration including fertile transgenic maize plants having a heterologous gene, and their preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Drawings
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☐ 45. Document ID: US 5550318 A

L11: Entry 45 of 45

File: USPT

Aug 27, 1996

US-PAT-NO: 5550318

DOCUMENT-IDENTIFIER: US 5550318 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Drawings
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Search Results - Record(s) 1 through 10 of 30 returned.

☐ 1. Document ID: US 6570068 B1

L12: Entry 1 of 30

File: USPT

May 27, 2003

US-PAT-NO: 6570068

DOCUMENT-IDENTIFIER: US 6570068 B1

TITLE: Methods for maize transformation coupled with adventitious regeneration utilizing nodal section explants and mature zygotic embryos

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachment	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6492581 B1

L12: Entry 2 of 30

File: USPT

Dec 10, 2002

US-PAT-NO: 6492581

DOCUMENT-IDENTIFIER: US 6492581 B1

TITLE: Plants and seeds of corn variety I362697

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachment	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6476299 B1

L12: Entry 3 of 30

File: USPT

Nov 5, 2002

US-PAT-NO: 6476299

DOCUMENT-IDENTIFIER: US 6476299 B1

TITLE: Plants and seeds of corn variety I181664

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachment	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6469235 B2

L12: Entry 4 of 30

File: USPT

Oct 22, 2002

US-PAT-NO: 6469235

DOCUMENT-IDENTIFIER: US 6469235 B2

TITLE: Inbred corn plant 3327 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6459022 B1

L12: Entry 5 of 30

File: USPT

Oct 1, 2002

US-PAT-NO: 6459022

DOCUMENT-IDENTIFIER: US 6459022 B1

TITLE: Plants and seeds of corn variety I465837

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6444884 B1

L12: Entry 6 of 30

File: USPT

Sep 3, 2002

US-PAT-NO: 6444884

DOCUMENT-IDENTIFIER: US 6444884 B1

TITLE: Plants and seeds of corn variety I014738

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6441279 B1

L12: Entry 7 of 30

File: USPT

Aug 27, 2002

US-PAT-NO: 6441279

DOCUMENT-IDENTIFIER: US 6441279 B1

TITLE: Inbred corn line G1900

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6433262 B1

L12: Entry 8 of 30

File: USPT

Aug 13, 2002

US-PAT-NO: 6433262

DOCUMENT-IDENTIFIER: US 6433262 B1

TITLE: Plants and seeds of corn variety I889291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6433261 B1

L12: Entry 9 of 30

File: USPT

Aug 13, 2002

US-PAT-NO: 6433261

DOCUMENT-IDENTIFIER: US 6433261 B1

TITLE: Inbred corn plant 89AHD12 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw Data
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☐ 10. Document ID: US 6426453 B1

L12: Entry 10 of 30

File: USPT

Jul 30, 2002

US-PAT-NO: 6426453

DOCUMENT-IDENTIFIER: US 6426453 B1

TITLE: Inbred corn line G3000

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw Data
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**Search Results** - Record(s) 11 through 20 of 30 returned.

☐ 11. Document ID: US 6420637 B1

L12: Entry 11 of 30

File: USPT

Jul 16, 2002

US-PAT-NO: 6420637

DOCUMENT-IDENTIFIER: US 6420637 B1

TITLE: Plants and seeds of corn variety I389972

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Comments
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☐ 12. Document ID: US 6420635 B1

L12: Entry 12 of 30

File: USPT

Jul 16, 2002

US-PAT-NO: 6420635

DOCUMENT-IDENTIFIER: US 6420635 B1

TITLE: Inbred corn line G1500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Comments
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☐ 13. Document ID: US 6420630 B1

L12: Entry 13 of 30

File: USPT

Jul 16, 2002

US-PAT-NO: 6420630

DOCUMENT-IDENTIFIER: US 6420630 B1

TITLE: Methods for tissue culturing and transforming elite inbreds of Zea mays L.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Comments
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☐ 14. Document ID: US 6372960 B1

L12: Entry 14 of 30

File: USPT

Apr 16, 2002

US-PAT-NO: 6372960

DOCUMENT-IDENTIFIER: US 6372960 B1

TITLE: Barstar gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw De
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☐ 15. Document ID: US 6365806 B1

L12: Entry 15 of 30

File: USPT

Apr 2, 2002

US-PAT-NO: 6365806

DOCUMENT-IDENTIFIER: US 6365806 B1

TITLE: Inbred corn plant 94INK1A and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw De
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☐ 16. Document ID: US 6362404 B1

L12: Entry 16 of 30

File: USPT

Mar 26, 2002

US-PAT-NO: 6362404

DOCUMENT-IDENTIFIER: US 6362404 B1

TITLE: Inbred corn plant 17QFB1 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw De
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☐ 17. Document ID: US 6355867 B1

L12: Entry 17 of 30

File: USPT

Mar 12, 2002

US-PAT-NO: 6355867

DOCUMENT-IDENTIFIER: US 6355867 B1

TITLE: Inbred corn plant 87ATD2 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw De
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☐ 18. Document ID: US 6353161 B1

L12: Entry 18 of 30

File: USPT

Mar 5, 2002

US-PAT-NO: 6353161

DOCUMENT-IDENTIFIER: US 6353161 B1

TITLE: Inbred corn plant 01HF13 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw De
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☐ 19. Document ID: US 6353160 B1

L12: Entry 19 of 30

File: USPT

Mar 5, 2002

US-PAT-NO: 6353160

DOCUMENT-IDENTIFIER: US 6353160 B1

TITLE: Inbred corn plant 4SCQ3 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw D
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☐ 20. Document ID: US 6340786 B1

L12: Entry 20 of 30

File: USPT

Jan 22, 2002

US-PAT-NO: 6340786

DOCUMENT-IDENTIFIER: US 6340786 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Inbred corn plant 17INI30 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw D
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☐ 21. Document ID: US 6329578 B1

L12: Entry 21 of 30

File: USPT

Dec 11, 2001

US-PAT-NO: 6329578

DOCUMENT-IDENTIFIER: US 6329578 B1

TITLE: Inbred corn line ZS02433

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw Data
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☐ 22. Document ID: US 6323403 B1

L12: Entry 22 of 30

File: USPT

Nov 27, 2001

US-PAT-NO: 6323403

DOCUMENT-IDENTIFIER: US 6323403 B1

TITLE: Inbred corn plant GF6150 and seeds thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw Data
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☐ 23. Document ID: US 6172284 B1

L12: Entry 23 of 30

File: USPT

Jan 9, 2001

US-PAT-NO: 6172284

DOCUMENT-IDENTIFIER: US 6172284 B1

TITLE: Inbred corn line ZS02461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWIC	Draw Data
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☐ 24. Document ID: US 6162965 A

L12: Entry 24 of 30

File: USPT

Dec 19, 2000

US-PAT-NO: 6162965

DOCUMENT-IDENTIFIER: US 6162965 A

TITLE: Plant transformation methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. De
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☐ 25. Document ID: US 6040497 A

L12: Entry 25 of 30

File: USPT

Mar 21, 2000

US-PAT-NO: 6040497

DOCUMENT-IDENTIFIER: US 6040497 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Glyphosate resistant maize lines

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. De
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☐ 26. Document ID: US 6031152 A

L12: Entry 26 of 30

File: USPT

Feb 29, 2000

US-PAT-NO: 6031152

DOCUMENT-IDENTIFIER: US 6031152 A

TITLE: Promoter from a lipid transfer protein gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. De
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☐ 27. Document ID: US 6018104 A

L12: Entry 27 of 30

File: USPT

Jan 25, 2000

US-PAT-NO: 6018104

DOCUMENT-IDENTIFIER: US 6018104 A

TITLE: Nucleic acid promoter fragment isolated from a plant tryptophan synthase  
alpha subunit (trpA) gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. De
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☐ 28. Document ID: US 5990387 A

L12: Entry 28 of 30

File: USPT

Nov 23, 1999

US-PAT-NO: 5990387

DOCUMENT-IDENTIFIER: US 5990387 A

TITLE: Stable transformation of plant cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. De
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☐ 29. Document ID: US 5981842 A

L12: Entry 29 of 30

File: USPT

Nov 9, 1999

US-PAT-NO: 5981842

DOCUMENT-IDENTIFIER: US 5981842 A

TITLE: Production of water stress or salt stress tolerant transgenic cereal plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Drawings	Claims	KWIC	Draw De
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☐ 30. Document ID: US 5977433 A

L12: Entry 30 of 30

File: USPT

Nov 2, 1999

US-PAT-NO: 5977433

DOCUMENT-IDENTIFIER: US 5977433 A

TITLE: Maintenance of male-sterile plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Drawings	Claims	KWIC	Draw De
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☐ 1. Document ID: US 6700038 B1

L16: Entry 1 of 14

File: USPT

Mar 2, 2004

US-PAT-NO: 6700038

DOCUMENT-IDENTIFIER: US 6700038 B1

TITLE: Plant expression vectors based on the flock house virus genome

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 2. Document ID: US 6613960 B1

L16: Entry 2 of 14

File: USPT

Sep 2, 2003

US-PAT-NO: 6613960

DOCUMENT-IDENTIFIER: US 6613960 B1

TITLE: Phloem-loading-specific promoter

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 3. Document ID: US H002074 H

L16: Entry 3 of 14

File: USPT

Jul 1, 2003

US-PAT-NO: H002074

DOCUMENT-IDENTIFIER: US H002074 H

TITLE: Fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 4. Document ID: US 6486383 B1

L16: Entry 4 of 14

File: USPT

Nov 26, 2002

US-PAT-NO: 6486383

DOCUMENT-IDENTIFIER: US 6486383 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Modification of starch content in plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Chemical	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6441273 B1

L16: Entry 5 of 14

File: USPT

Aug 27, 2002

US-PAT-NO: 6441273

DOCUMENT-IDENTIFIER: US 6441273 B1

TITLE: Constitutive and inducible promoters from coffee plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Chemical	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6297425 B1

L16: Entry 6 of 14

File: USPT

Oct 2, 2001

US-PAT-NO: 6297425

DOCUMENT-IDENTIFIER: US 6297425 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Gene encoding oxalate decarboxylase from aspergillus phoenices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Chemical	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6271016 B1

L16: Entry 7 of 14

File: USPT

Aug 7, 2001

US-PAT-NO: 6271016

DOCUMENT-IDENTIFIER: US 6271016 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Anthranilate synthase gene and method of use thereof for conferring tryptophan overproduction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Chemical	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6207879 B1

L16: Entry 8 of 14

File: USPT

Mar 27, 2001

US-PAT-NO: 6207879

DOCUMENT-IDENTIFIER: US 6207879 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize RS81 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6133035 A

L16: Entry 9 of 14

File: USPT

Oct 17, 2000

US-PAT-NO: 6133035

DOCUMENT-IDENTIFIER: US 6133035 A

TITLE: Method of genetically transforming banana plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 10. Document ID: US 6100450 A

L16: Entry 10 of 14

File: USPT

Aug 8, 2000

US-PAT-NO: 6100450

DOCUMENT-IDENTIFIER: US 6100450 A

TITLE: Seed specific promoters based on arabidopsis genes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw D
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☐ 11. Document ID: US 6013863 A

L16: Entry 11 of 14

File: USPT

Jan 11, 2000

US-PAT-NO: 6013863

DOCUMENT-IDENTIFIER: US 6013863 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Fertile transgenic corn plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 12. Document ID: US 5888789 A

L16: Entry 12 of 14

File: USPT

Mar 30, 1999

US-PAT-NO: 5888789

DOCUMENT-IDENTIFIER: US 5888789 A

TITLE: Process for protein production in plants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 13. Document ID: US 5859331 A

L16: Entry 13 of 14

File: USPT

Jan 12, 1999

US-PAT-NO: 5859331

DOCUMENT-IDENTIFIER: US 5859331 A

TITLE: Modular promoter construct

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 14. Document ID: US 5604121 A

L16: Entry 14 of 14

File: USPT

Feb 18, 1997

US-PAT-NO: 5604121

DOCUMENT-IDENTIFIER: US 5604121 A

TITLE: Proteins with insecticidal properties against homopteran insects and their use in plant protection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Submitters	Accession	Claims	KWC	Drawn De
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Terms	Documents
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L17: Entry 46 of 57

File: USPT

Feb 2, 1999

US-PAT-NO: 5866790

DOCUMENT-IDENTIFIER: US 5866790 A

TITLE: DNA sequences and plasmids for the preparation of sugar beet with changed sucrose concentration

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hesse; Holger	Berlin			DE
Muller-Rober; Bernd	Berlin			DE

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Hoechst Schering AgrEvo GmbH	Berlin			DE	03

APPL-NO: 08/ 553436   [PALM]

DATE FILED: November 17, 1995

## FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
DE	43 17 596.1	May 24, 1993

## PCT-DATA:

APPL-NO	DATE-FILED	PUB-NO	PUB-DATE	371-DATE	102(E)-DATE
PCT/EP94/01671	May 20, 1994	WO94/28146	Dec 8, 1994	Nov 17, 1995	Nov 17, 1995

INT-CL: [06] A01 H 5/00, C12 N 15/00, C12 N 15/29, C12 N 5/04

US-CL-ISSUED: 800/205; 536/23.2, 536/23.6, 435/172.3, 435/419

US-CL-CURRENT: 800/284; 435/419, 435/468, 435/469, 536/23.2, 536/23.6, 800/286, 800/298

FIELD-OF-SEARCH: 536/23.6, 536/23.2, 435/320.1, 435/419, 435/172.3, 435/91.1, 800/205

## PRIOR-ART-DISCLOSED:

## FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0438904	July 1991	EP	

0466995	January 1992	EP
0530978	March 1992	EP
9119806	December 1991	WO
9216631	October 1992	WO
9309237	May 1993	WO

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Nagata, M. et al. *Acta Horticulturae*, No. 394, pp. 213-128 (abstract only cited), 1995.

ART-UNIT: 163

PRIMARY-EXAMINER: Mosher; Mary E.

ATTY-AGENT-FIRM: Frommer Lawrence & Haug LLP

## ABSTRACT:

DNA sequences and plasmids are described, that by integration in a plant genome of sugar beet change the sucrose concentration. In addition, transgenic plants that, by introduction of the DNA sequences of the invention, have altered sugar concentrations, are described.

35 Claims, 0 Drawing figures